

In the Claims:

1-33. Canceled.

34. (Amended) A method for regenerating a plant, comprising:

- a) providing a sample of a plant, wherein said plant is selected from the group consisting of *Carex*, *Scirpus*, and *Juncus*;
- b) inducing shoot development from said sample; and
- c) inducing root development from said sample; thereby regenerating the plant.

35-38. Canceled

39. (Original) The method of claim 34, wherein said plant is selected from the group consisting of *Juncus effusus*, *Carex lurida* and *Scirpus polyphyllus*.

40-55. Previously Canceled

56. (Amended) A method for regenerating a plant, comprising:

- a) providing a sample of a plant, wherein said plant is selected from the group consisting of *Carex*, *Scirpus*, *Juncus* and *Typha latifolia*;
- ab) forming a callus from said sample; and
- bc) inducing shoot development and inducing root development from said callus; thereby regenerating the plant.

57-61. Canceled

62-81. Previously Canceled

82. (Amended) A method for regenerating a plant, comprising:

- a) providing a sample of a plant, wherein said plant is selected from the group consisting of *Carex*, *Scirpus*, *Juncus* and *Typha*;
- b) forming a callus from said sample;
- c) inducing shoot development from said callus to form at least one shoot;
and
- d) inducing root development from said at least one shoot; thereby regenerating the plant.

83-86. Canceled

87. (Original) The method of claim 82, wherein said plant is *Juncus accuminatus*.

88-107. Previously Canceled.

108. Canceled

109. (Amended) ~~The method of claim 108;~~ A method for regenerating a plant or forming a somatic embryo, comprising:

1. providing a sample of a plant;
2. forming a callus from said sample; and

3. inducing the formation of a somatic embryo from said callus, thereby regenerating the plant; wherein said plant is a freshwater monocot plant.

110. (Amended) The method of claim ~~108~~ 109, wherein said freshwater monocot plant is a freshwater wetland monocot plant.
111. (Amended) The method of claim ~~108~~ 110, wherein said freshwater wetland monocot plant is a freshwater emergent wetland monocot plant.
112. (Amended) The method of claim ~~108~~ 109, wherein said plant is selected from the group consisting of *Carex*, *Scirpus*, *Juncus* and *Typha*.
113. (Amended) The method of claim ~~108~~ 109, wherein said plant is *Typha angustifolia*.
- 114-128. Previously Canceled.